

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/582,316
Source: IFWP
Date Processed by STIC: 6/19/06

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IFWP

RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/582,316

TIME: 12:21:17

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Output Set: N:\CRF4\06192006\J582316.raw

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3 <110> APPLICANT: Lu and Slee
5 <120> TITLE OF INVENTION: Tumour Suppressor Protein
7 <130> FILE REFERENCE: 68213-02
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/582,316
C--> 9 <141> CURRENT FILING DATE: 2006-06-08
9 <150> PRIOR APPLICATION NUMBER: PCT/GB04/003492
10 <151> PRIOR FILING DATE: 2004-08-13
12 <150> PRIOR APPLICATION NUMBER: 0328690.3
13 <151> PRIOR FILING DATE: 2003-12-10
15 <150> PRIOR APPLICATION NUMBER: 60/554,990
16 <151> PRIOR FILING DATE: 2004-03-19
18 <160> NUMBER OF SEQ ID NOS: 7
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 828
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
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34 20 25 30
37 Asp Thr Ala Ala Ala Lys Val Asp Glu Leu Thr Lys Gln Leu Glu Ser
38 35 40 45
41 Leu Trp Ser Asp Ser Pro Ala Pro Pro Gly Pro Gln Ala Gly Pro Pro
42 50 55 60
45 Ser Arg Pro Pro Arg Tyr Ser Ser Ser Ser Ile Pro Glu Pro Phe Gly
46 65 70 75 80
49 Ser Arg Gly Ser Pro Arg Lys Ala Ala Thr Asp Gly Ala Asp Thr Pro
50 85 90 95
53 Phe Gly Arg Ser Glu Ser Ala Pro Thr Leu His Pro Tyr Ser Pro Leu
54 100 105 110
57 Ser Pro Lys Gly Arg Pro Ser Ser Pro Arg Thr Pro Leu Tyr Leu Gln
58 115 120 125
61 Pro Asp Ala Tyr Gly Ser Leu Asp Arg Ala Thr Ser Pro Arg Pro Arg
62 130 135 140
65 Ala Phe Asp Gly Ala Gly Ser Ser Leu Gly Arg Ala Pro Ser Pro Arg
66 145 150 155 160
69 Pro Gly Pro Gly Pro Leu Arg Gln Gln Gly Pro Pro Thr Pro Phe Asp
70 165 170 175
73 Phe Leu Gly Arg Ala Gly Ser Pro Arg Gly Ser Pro Leu Ala Glu Gly
74 180 185 190
77 Pro Gln Ala Phe Phe Pro Glu Arg Gly Pro Ser Pro Arg Pro Pro Ala

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82      210          215          220
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89 Thr Leu Arg Arg Arg Pro Pro Lys Ala Trp Asn Glu Ser Asp Leu Asp
90          245          250          255
93 Val Ala Tyr Glu Lys Lys Pro Ser Gln Thr Ala Ser Tyr Glu Arg Leu
94          260          265          270
97 Asp Val Phe Ala Arg Pro Ala Ser Pro Ser Leu Gln Leu Leu Pro Trp
98      275          280          285
101 Arg Glu Ser Ser Leu Asp Gly Leu Gly Gly Thr Gly Lys Asp Asn Leu
102      290          295          300
105 Thr Ser Ala Thr Leu Pro Arg Asn Tyr Lys Val Ser Pro Leu Ala Ser
106 305          310          315          320
109 Asp Arg Arg Ser Asp Ala Gly Ser Tyr Arg Arg Ser Leu Gly Ser Ala
110          325          330          335
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114          340          345          350
117 Pro Met Pro Pro Ser Ser Pro Gln Pro Arg Gly Ala Pro Arg Gln Arg
118          355          360          365
121 Pro Ile Pro Leu Ser Met Ile Phe Lys Leu Gln Asn Ala Phe Trp Glu
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125 His Gly Ala Ser Arg Ala Met Leu Pro Gly Ser Pro Leu Phe Thr Arg
126 385          390          395          400
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130          405          410          415
133 Gln Ser Gln Pro Gln Pro Gln Leu Pro Pro Gln Pro Gln Thr Gln Pro
134          420          425          430
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138          435          440          445
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150          485          490          495
153 Leu Pro Pro Glu Ala Gln Ser Val Pro Glu Leu Glu Glu Val Ala Arg
154          500          505          510
157 Val Leu Ala Glu Ile Pro Arg Pro Leu Lys Arg Arg Gly Ser Met Glu
158          515          520          525
161 Gln Ala Pro Ala Val Ala Leu Pro Pro Thr His Lys Lys Gln Tyr Gln
162          530          535          540
165 Gln Ile Ile Ser Arg Leu Phe His Arg His Gly Gly Pro Gly Pro Gly
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169 Gly Pro Glu Pro Glu Leu Ser Pro Ile Thr Glu Gly Ser Glu Ala Arg
170          565          570          575
173 Ala Gly Pro Pro Ala Pro Ala Pro Pro Ala Pro Ile Pro Pro Pro Ala
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186 625      630      635      640
189 Glu Val Val Gln Gln Ala Val Lys Glu Met Asn Asp Pro Ser Gln Pro
190      645      650      655
193 Asn Glu Glu Gly Ile Thr Ala Leu His Asn Ala Ile Cys Gly Ala Asn
194      660      665      670
197 Tyr Ser Ile Val Asp Phe Leu Ile Thr Ala Gly Ala Asn Val Asn Ser
198      675      680      685
201 Pro Asp Ser His Gly Trp Thr Pro Leu His Cys Ala Ala Ser Cys Asn
202      690      695      700
205 Asp Thr Val Ile Cys Met Ala Leu Val Gln His Gly Ala Ala Ile Phe
206 705      710      715      720
209 Ala Thr Thr Leu Ser Asp Gly Ala Thr Ala Phe Glu Lys Cys Asp Pro
210      725      730      735
213 Tyr Arg Glu Gly Tyr Ala Asp Cys Ala Thr Tyr Leu Ala Asp Val Glu
214      740      745      750
217 Gln Ser Met Gly Leu Met Asn Ser Gly Ala Val Tyr Ala Leu Trp Asp
218      755      760      765
221 Tyr Ser Ala Glu Phe Gly Asp Glu Leu Ser Phe Arg Glu Gly Glu Ser
222      770      775      780
225 Val Thr Val Leu Arg Arg Asp Gly Pro Glu Glu Thr Asp Trp Trp Trp
226 785      790      795      800
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247 tcgctggcca tgaacacat ggatctgaag cagatggagc tggacacggc ggcggccaag      180
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267 gggagctccc tgctaggctc cggcggcagc gcattcgccc cgctctgcg gcgcgaagac      780
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277 gccagcgacc ggcgttcaga cgcggggcagc taccggcgct cgctgggctc cgcggggccg     1080
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281 ccccgagcccc gcgggggcccc gcgccagcgt cccatcccccc tcagcatgat cttcaagctg     1200
283 cagaacgcct tctgggagca cggggccagc cgcgccatgc tccctgggtc cccctcttc     1260
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287 caaccacagc cccagctgcc cccacagccc cagacccaac cccaaacccc taccagcgc     1380
289 ccccgagcat cccaacagac atggccccct gtgaacgaag gaccccccaa acccccacc     1440
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337 cgtccaaagt gcctcccatg cctaccacca tcatcacatc ccccgcaag ccagccacct     2880
339 gccagccggg gcctgggatg ggccaccaca ccactggata ttcttgggag tcaactgtga     2940
341 caccatctct cccagcagtc ttggggtctg ggtgggaaac attggtctct accaggatcc     3000
343 ctgccccacc tctccccaat taagtgcctt cacacagctc tgggtttaatg ttataaaca     3060
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348 <210> SEQ ID NO: 3

349 <211> LENGTH: 351

350 <212> TYPE: PRT

351 <213> ORGANISM: Homo sapiens

353 <400> SEQUENCE: 3

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363 Val Ala Arg Val Leu Ala Glu Ile Pro Arg Pro Leu Lys Arg Arg Gly
364          35          40          45

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372 65                      70                      75                      80
375 Gly Pro Gly Gly Arg Ser Gln Ser Cys Pro Pro Ser Leu Arg Asp Leu
376                      85                      90                      95
379 Arg Pro Gly Gln Gly Pro Leu Leu Leu Pro His Gln Leu Pro Phe His
380                      100                     105                     110
383 Arg Pro Ala Pro Ser Gln Ser Ser Pro Pro Glu Gln Pro Gln Ser Met
384                      115                     120                     125
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388                      130                     135                     140
391 Arg Ala Arg Leu Asn Pro Leu Val Leu Leu Leu Asp Ala Ala Leu Thr
392 145                      150                      155                      160
395 Gly Glu Leu Glu Val Val Gln Gln Ala Val Lys Glu Met Asn Asp Pro
396                      165                      170                      175
399 Ser Gln Pro Asn Glu Glu Gly Ile Thr Ala Leu His Asn Ala Ile Cys
400                      180                     185                     190
403 Gly Ala Asn Tyr Ser Ile Val Asp Phe Leu Ile Thr Ala Gly Ala Asn
404                      195                     200                     205
407 Val Asn Ser Pro Asp Ser His Gly Trp Thr Pro Leu His Cys Ala Ala
408                      210                     215                     220
411 Ser Cys Asn Asp Thr Val Ile Cys Met Ala Leu Val Gln His Gly Ala
412 225                      230                      235                      240
415 Ala Ile Phe Ala Thr Thr Leu Ser Asp Gly Ala Thr Ala Phe Glu Lys
416                      245                     250                     255
419 Cys Asp Pro Tyr Arg Glu Gly Tyr Ala Asp Cys Ala Thr Tyr Leu Ala
420                      260                     265                     270
423 Asp Val Glu Gln Ser Met Gly Leu Met Asn Ser Gly Ala Val Tyr Ala
424                      275                     280                     285
427 Leu Trp Asp Tyr Ser Ala Glu Phe Gly Asp Glu Leu Ser Phe Arg Glu
428                      290                     295                     300
431 Gly Glu Ser Val Thr Val Leu Arg Arg Asp Gly Pro Glu Glu Thr Asp
432 305                      310                      315                      320
435 Trp Trp Trp Ala Ala Leu His Gly Gln Glu Gly Tyr Val Pro Arg Asn
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455 gctgcagaac gccttctggg agcacggggc cagccgcgcc atgctccctg ggtccccct      240
457 cttcacccga gcaccccg ctaagctgca gccccaacca caaccacagc cccagccaca      300
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/582,316

DATE: 06/19/2006

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L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date